

## **WHAT IS CLAIMED IS:**

1. A bracket adapted to fit through a wheel of a spare tire for a vehicle, comprising:

a first plate portion having at least two stud holes formed therethrough and arranged in a pattern corresponding to a wheel-stud pattern for at least one vehicle;

a first member extending from the first plate portion, wherein at least part of an exterior surface of the first member has a cylindrical shape, and wherein the first member has a first threaded portion;

a second plate portion; and

a second member extending from the second plate portion, wherein the second member has a second threaded portion, and wherein the first threaded portion is adapted to mate with the second threaded portion.

2. The bracket of claim 1, wherein the first threaded portion extends from the first member and the first threaded portion includes male threads formed thereon, and wherein the second threaded portion extends into the second member and the second threaded portion includes female threads formed therein.

3. The bracket of claim 2, wherein the first member has a shoulder portion located at a proximate end of the first threaded portion, wherein a distal end of the second member has a recessed portion formed therein, and wherein the shoulder portion is adapted to mate with the recessed portion.

4. The bracket of claim 3, wherein the first member has a first pin hole formed therein at the shoulder portion, wherein the second member has a second pin hole formed therein at the recessed portion, and wherein the first pin hole is adapted to be substantially aligned with the second pin hole at certain mated positions of the second member relative to the first member.

5. The bracket of claim 1, wherein the second threaded portion extends from the second member and the second threaded portion includes male threads formed thereon, and wherein the first threaded portion extends into the first member and the first threaded portion includes female threads formed therein.

6. The bracket of claim 5, wherein the second member has a shoulder portion located at a proximate end of the second threaded portion, wherein a distal end of the first member has a recessed portion formed therein, and wherein the shoulder portion is adapted to mate with the recessed portion.

7. The bracket of claim 6, wherein the first member has a first pin hole formed therein at the recessed portion, wherein the second member has a second pin hole formed therein at the shoulder portion, and wherein the first pin hole is adapted to be substantially aligned with the second pin hole at certain mated positions of the second member relative to the first member.

8. The bracket of claim 1, further comprising:

an extension member, the extension member having a first end and a second end, the extension member having a third threaded portion at the first end and having a fourth threaded portion at the second end, wherein the third threaded portion is adapted to mate with the first threaded portion, and wherein the fourth threaded portion is adapted to mate with the second threaded portion.

9. The bracket of claim 1, wherein each of the stud holes is adapted to accept a stud having a diameter approximately equal to a diameter for a wheel stud of a standardized stud size of the vehicle.
10. The bracket of claim 1, wherein the stud holes are located at about a same radial distance from the first member.
11. The bracket of claim 1, wherein at least one of the stud holes intersects with an edge of the first plate portion.
12. The bracket of claim 1, wherein the first member extends substantially perpendicular from the first plate portion.
13. The bracket of claim 1, wherein the second member extends substantially perpendicular from the second plate portion.
14. The bracket of claim 1, wherein the cylindrical shaped part of the first member has an outer diameter adapted to fit through a center hole of a factory alloy wheel.
15. The bracket of claim 1, wherein the second plate portion has at least two attachment holes formed in a pattern adapted to substantially align with attachment holes on a container holder.
16. The bracket of claim 1, wherein the first member is welded to the first plate portion.
17. The bracket of claim 1, wherein the second member is welded to the second plate portion.

18. A bracket adapted to fit through a wheel of a spare tire for a vehicle, comprising:
- a first plate portion having stud holes formed therethrough and arranged in a pattern corresponding to a wheel-stud pattern for at least one vehicle;
  - a first member welded to the first plate portion and extending substantially perpendicular therefrom, wherein the first member is generally cylindrical shaped, and wherein the first member has threaded hole formed therein along a first longitudinal axis of the first member;
  - a recessed portion formed in a distal end of the first member;
  - a second plate portion having attachment holes formed therethrough and arranged in a pattern corresponding to attachment points on a container holder;
  - a second member welded to the second plate portion and extending substantially perpendicular therefrom;
  - a shoulder portion formed on the second member, wherein the shoulder portion is adapted to mate with the recessed portion;
  - a thread shaft portion extending from a distal end of the second member along a second longitudinal axis of the second member, wherein the threaded shaft portion is adapted to mate with the threaded hole, wherein the first longitudinal axis is substantially aligned with the second longitudinal axis when the threaded shaft portion is mated with the threaded hole.

19. A container holder kit attachable to a spare tire support member on a vehicle, wherein the spare tire support member has wheel studs extending therefrom, wherein the wheel studs are adapted to engage with lug nuts to retain a wheel of a spare tire on the spare tire support member, the wheel studs being arranged in a pattern corresponding to a wheel stud hole pattern of the wheel, the kit comprising:

a container holder bracket adapted to retain a container;

an intermediate bracket comprising:

a first plate portion having a first set of holes formed therethrough, the first set of holes being arranged so that the wheel studs on the spare tire support member can pass through the first set of holes, wherein the first plate portion is adapted to be attached to the spare tire support member using the wheel studs and lug nuts when the intermediate bracket is operably installed;

a first member extending from the first plate portion, wherein at least part of an exterior surface of the first member has a cylindrical shape, wherein the first member is adapted to fit through a center hole of the wheel when the intermediate bracket is operably installed, and wherein the first member has a first threaded portion;

a second plate portion being adapted for attachment to the container holder; and

a second member extending from the second plate portion, wherein the second member has a second threaded portion, and wherein the first threaded portion is adapted to mate with the second threaded portion.

20. The kit of claim 19, wherein the attachment points on the second plate portion are attachment holes formed in the second plate portion.

21. The kit of claim 19, wherein the attachment points on the second plate portion are attachment studs extending from the second plate portion.

22. The kit of claim 19, wherein the container is a gas can.